



# UNIVERSITY OF TORONTO UNIVERSITY EXTENSION

DIRECTOR: J·R·GILLEY · B·A·Sc·

## COURSE IN

### ADVANCED APPLIED AERODYNAMICS

This Course is offered in co-operation with the Institute of Aerophysics, Department of Aeronautical Engineering, for aeronautical engineers of the Aircraft Division of A.V. Roe Canada Limited and other qualified persons.

The Course will consist of five topics, - three two-hour lectures for each topic. Since the material will be advanced, applicants should have the Bachelor's degree in any branch of engineering, physics, or mathematics. All lectures will be held at the Institute of Aerophysics, Downsview Airport, where they can be illustrated with Institute equipment.

#### LECTURE TOPICS:

1. Two-dimensional supersonics and aerofoil theory  
Lecturer: Dr. J.G. Hall
2. Finite Wing Theory  
Lecturer: Professor B. Etkin
3. Skin friction and heat transfer in compressible flow  
Lecturer: Dr. G.N. Patterson
4. Jet and rocket propulsion  
Lecturer: Dr. G.K. Korbacher
5. Experiment techniques in fluid mechanics  
Lecturer: Dr. I.I. Glass

This Course has been arranged by Dr. G.N. Patterson, Head, Department Aeronautical Engineering and Director, Institute of Aerophysics.

Those wishing to enroll in Advanced Aerodynamics should complete the attached application and forward it with fee, by December 15th, to

The Director,  
University Extension,  
University of Toronto

Time: Wednesdays, 7.30 p.m. January 12 - April 20, 15 lectures

Place: Institute of Aerophysics, Downsview Airport

Fee: \$25.00

